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| 363   | 50       |
| Class | Subclass |

**ISSUE CLASSIFICATION**

PATENT NUMBER

## U.S. UTILITY Patent Application

|                                     |  |                        |
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| <div>MT</div> <div>SCANNED 65</div> | <div>O.I.P.E.</div> <div>Q.A. Am</div> | <div>PATENT DATE</div> |
|-------------------------------------|--|------------------------|

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| CLASS<br>36.3 | SUBCLASS | ART UNIT<br>2838 | EXAMINER |
|---------------|----------|------------------|----------|

|                              |                 |              |                |                  |                      |
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| APPLICATION NO.<br>09/770238 | CONT/PRIOR<br>F | CLASS<br>363 | SUBCLASS<br>50 | ART UNIT<br>2838 | EXAMINER<br>Sterrett |
|------------------------------|-----------------|--------------|----------------|------------------|----------------------|

| TITLE                   | APPLICANTS               |
|-------------------------|--------------------------|
| 1. <b>Chairman</b>      | 1. <b>Mr. J. H. ...</b>  |
| 2. <b>Vice Chairman</b> | 2. <b>Mr. J. H. ...</b>  |
| 3. <b>Secretary</b>     | 3. <b>Mr. J. H. ...</b>  |
| 4. <b>Treasurer</b>     | 4. <b>Mr. J. H. ...</b>  |
| 5. <b>Member</b>        | 5. <b>Mr. J. H. ...</b>  |
| 6. <b>Member</b>        | 6. <b>Mr. J. H. ...</b>  |
| 7. <b>Member</b>        | 7. <b>Mr. J. H. ...</b>  |
| 8. <b>Member</b>        | 8. <b>Mr. J. H. ...</b>  |
| 9. <b>Member</b>        | 9. <b>Mr. J. H. ...</b>  |
| 10. <b>Member</b>       | 10. <b>Mr. J. H. ...</b> |
| 11. <b>Member</b>       | 11. <b>Mr. J. H. ...</b> |
| 12. <b>Member</b>       | 12. <b>Mr. J. H. ...</b> |
| 13. <b>Member</b>       | 13. <b>Mr. J. H. ...</b> |
| 14. <b>Member</b>       | 14. <b>Mr. J. H. ...</b> |
| 15. <b>Member</b>       | 15. <b>Mr. J. H. ...</b> |
| 16. <b>Member</b>       | 16. <b>Mr. J. H. ...</b> |
| 17. <b>Member</b>       | 17. <b>Mr. J. H. ...</b> |
| 18. <b>Member</b>       | 18. <b>Mr. J. H. ...</b> |
| 19. <b>Member</b>       | 19. <b>Mr. J. H. ...</b> |
| 20. <b>Member</b>       | 20. <b>Mr. J. H. ...</b> |
| 21. <b>Member</b>       | 21. <b>Mr. J. H. ...</b> |
| 22. <b>Member</b>       | 22. <b>Mr. J. H. ...</b> |
| 23. <b>Member</b>       | 23. <b>Mr. J. H. ...</b> |
| 24. <b>Member</b>       | 24. <b>Mr. J. H. ...</b> |
| 25. <b>Member</b>       | 25. <b>Mr. J. H. ...</b> |
| 26. <b>Member</b>       | 26. <b>Mr. J. H. ...</b> |
| 27. <b>Member</b>       | 27. <b>Mr. J. H. ...</b> |
| 28. <b>Member</b>       | 28. <b>Mr. J. H. ...</b> |
| 29. <b>Member</b>       | 29. <b>Mr. J. H. ...</b> |
| 30. <b>Member</b>       | 30. <b>Mr. J. H. ...</b> |
| 31. <b>Member</b>       | 31. <b>Mr. J. H. ...</b> |
| 32. <b>Member</b>       | 32. <b>Mr. J. H. ...</b> |
| 33. <b>Member</b>       | 33. <b>Mr. J. H. ...</b> |
| 34. <b>Member</b>       | 34. <b>Mr. J. H. ...</b> |
| 35. <b>Member</b>       | 35. <b>Mr. J. H. ...</b> |
| 36. <b>Member</b>       | 36. <b>Mr. J. H. ...</b> |
| 37. <b>Member</b>       | 37. <b>Mr. J. H. ...</b> |
| 38. <b>Member</b>       | 38. <b>Mr. J. H. ...</b> |
| 39. <b>Member</b>       | 39. <b>Mr. J. H. ...</b> |
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| 41. <b>Member</b>       | 41. <b>Mr. J. H. ...</b> |
| 42. <b>Member</b>       | 42. <b>Mr. J. H. ...</b> |
| 43. <b>Member</b>       | 43. <b>Mr. J. H. ...</b> |
| 44. <b>Member</b>       | 44. <b>Mr. J. H. ...</b> |
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| 47. <b>Member</b>       | 47. <b>Mr. J. H. ...</b> |
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| 49. <b>Member</b>       | 49. <b>Mr. J. H. ...</b> |
| 50. <b>Member</b>       | 50. <b>Mr. J. H. ...</b> |
| 51. <b>Member</b>       | 51. <b>Mr. J. H. ...</b> |
| 52. <b>Member</b>       | 52. <b>Mr. J. H. ...</b> |
| 53. <b>Member</b>       | 53. <b>Mr. J. H. ...</b> |
| 54. <b>Member</b>       | 54. <b>Mr. J. H. ...</b> |
| 55. <b>Member</b>       | 55. <b>Mr. J. H. ...</b> |
| 56. <b>Member</b>       | 56. <b>Mr. J. H. ...</b> |
| 57. <b>Member</b>       | 57. <b>Mr. J. H. ...</b> |
| 58. <b>Member</b>       | 58. <b>Mr. J. H. ...</b> |
| 59. <b>Member</b>       | 59. <b>Mr. J. H. ...</b> |
| 60. <b>Member</b>       | 60. <b>Mr. J. H. ...</b> |
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| 62. <b>Member</b>       | 62. <b>Mr. J. H. ...</b> |
| 63. <b>Member</b>       | 63. <b>Mr. J. H. ...</b> |
| 64. <b>Member</b>       | 64. <b>Mr. J. H. ...</b> |
| 65. <b>Member</b>       | 65. <b>Mr. J. H. ...</b> |
| 66. <b>Member</b>       | 66. <b>Mr. J. H. ...</b> |
| 67. <b>Member</b>       | 67. <b>Mr. J. H. ...</b> |
| 68. <b>Member</b>       | 68. <b>Mr. J. H. ...</b> |
| 69. <b>Member</b>       | 69. <b>Mr. J. H. ...</b> |
| 70. <b>Member</b>       | 70. <b>Mr. J. H. ...</b> |
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| 72. <b>Member</b>       | 72. <b>Mr. J. H. ...</b> |
| 73. <b>Member</b>       | 73. <b>Mr. J. H. ...</b> |
| 74. <b>Member</b>       | 74. <b>Mr. J. H. ...</b> |
| 75. <b>Member</b>       | 75. <b>Mr. J. H. ...</b> |
| 76. <b>Member</b>       | 76. <b>Mr. J. H. ...</b> |
| 77. <b>Member</b>       | 77. <b>Mr. J. H. ...</b> |
| 78. <b>Member</b>       | 78. <b>Mr. J. H. ...</b> |
| 79. <b>Member</b>       | 79. <b>Mr. J. H. ...</b> |
| 80. <b>Member</b>       | 80. <b>Mr. J. H. ...</b> |
| 81. <b>Member</b>       | 81. <b>Mr. J. H. ...</b> |
| 82. <b>Member</b>       | 82. <b>Mr. J. H. ...</b> |
| 83. <b>Member</b>       | 83. <b>Mr. J. H. ...</b> |
| 84. <b>Member</b>       | 84. <b>Mr. J. H. ...</b> |
| 85. <b>Member</b>       | 85. <b>Mr. J. H. ...</b> |
| 86. <b>Member</b>       | 86. <b>Mr. J. H. ...</b> |
| 87. <b>Member</b>       | 87. <b>Mr. J. H. ...</b> |
| 88. <b>Member</b>       | 88. <b>Mr. J. H. ...</b> |
| 89. <b>Member</b>       | 89. <b>Mr. J. H. ...</b> |
| 90. <b>Member</b>       | 90. <b>Mr. J. H. ...</b> |
| 91. <b>Member</b>       | 91. <b>Mr. J. H. ...</b> |
| 92. <b>Member</b>       | 92. <b>Mr. J. H. ...</b> |
| 93. <b>Member</b>       | 93. <b>Mr. J. H. ...</b> |
| 94. <b>Member</b>       | 94. <b>Mr. J. H. ...</b> |
| 95. <b>Member</b>       | 95. <b>Mr. J.</b>        |

Mitsuo Sasaki  
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DC-DC converter, DC-DC converter control circuit, monitor circuit, electronic equipment, and monitoring method of DC-DC converter

PTO-204  
12/89

ISSUING CLASSIFICATION

[illegible]

|   |  |             |                                   |              |
|---|--|-------------|-----------------------------------|--------------|
| <input type="checkbox"/> <b>TERMINAL<br/>DISCLAIMER</b>   | <b>DRAWINGS</b>                              |             | <b>CLAIMS ALLOWED</b>             |              |
|   | Sheets Drwg.                                 | Figs. Drwg. | Print Fig.                        | Total Claims |
| <input type="checkbox"/> The term of this patent subsequent to _____ (date) has been disclaimed.<br><br><input type="checkbox"/> The term of this patent shall not extend beyond the expiration date of U.S. Patent No. _____<br><br>_____<br>_____ | _____<br>(Assistant Examiner) (Date)         |             | <b>NOTICE OF ALLOWANCE MAILED</b> |              |
|   | _____<br>(Primary Examiner) (Date)           |             | <b>ISSUE FEE</b>                  |              |
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(FACE)